

使用 Java 写的一个模仿 QQ 的聊天软件

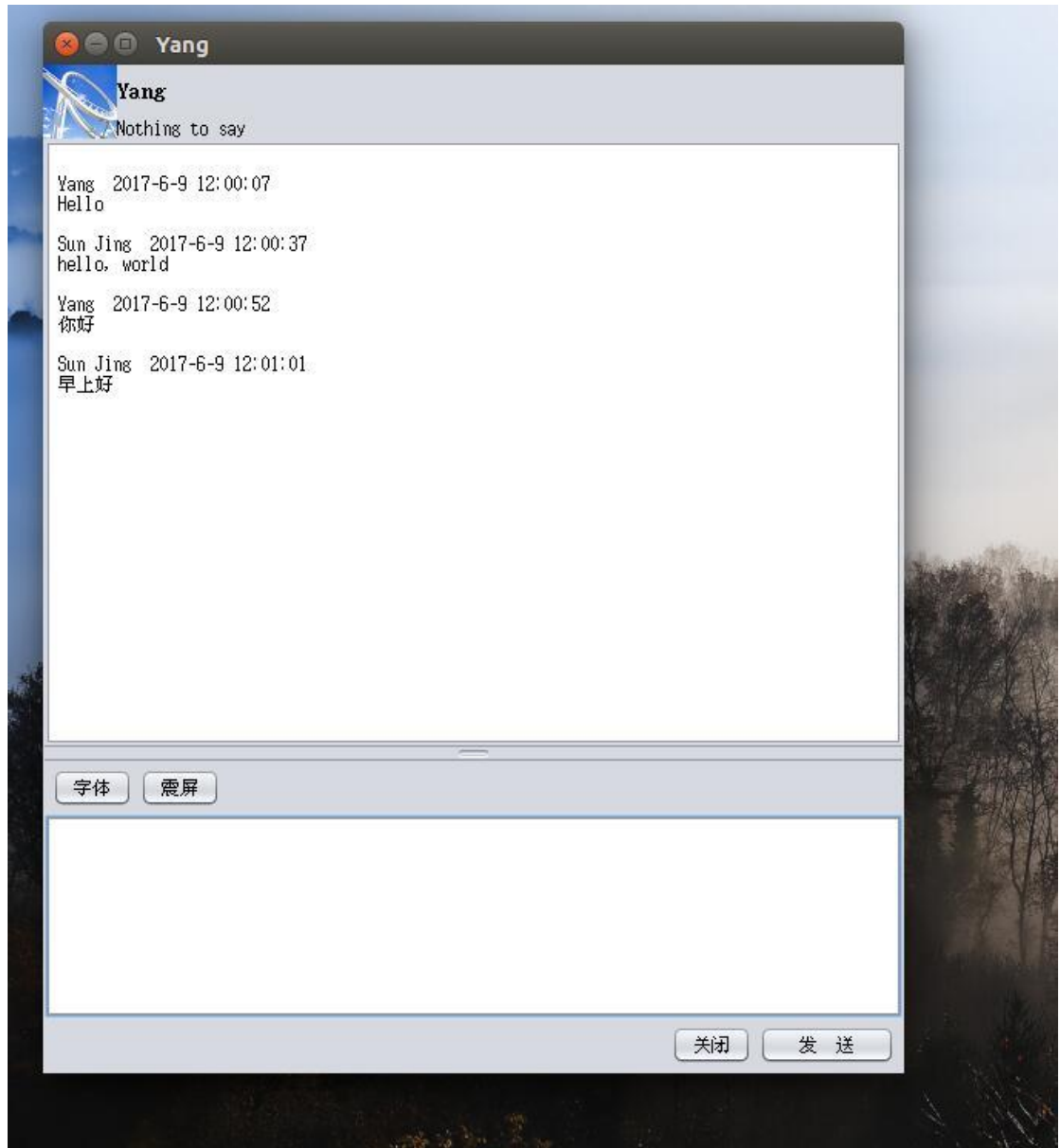


登录界面

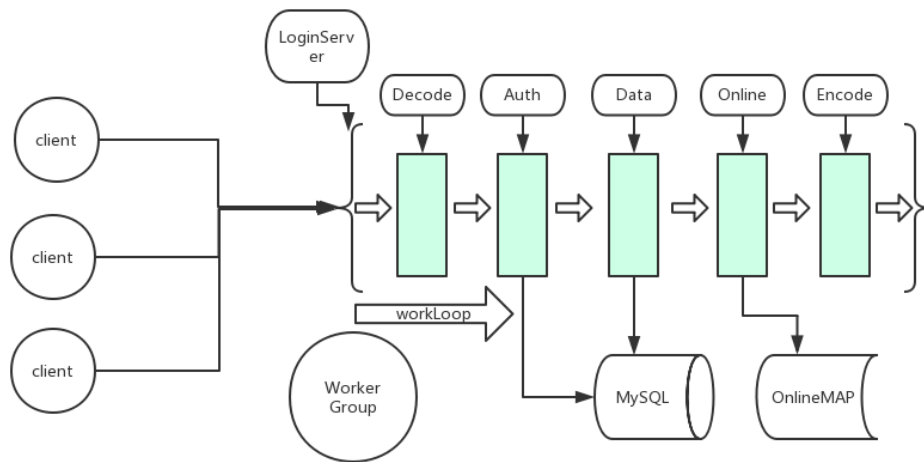


好友列表界面

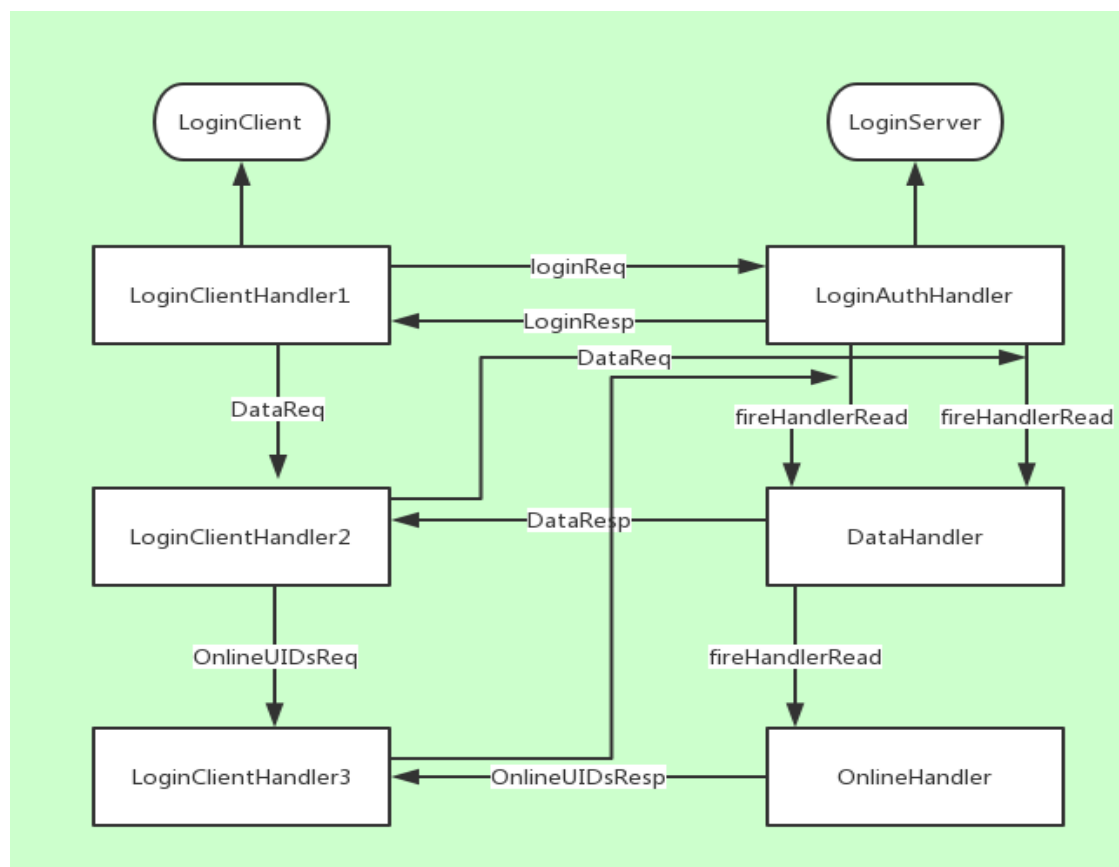
聊天界面



整体架构：网络通信部分基于 netty ， 异步非阻塞



由于 LoginAuthhandler 和 DataHandler 部分需要从联结数据库，有可能阻塞 netty io 线程，所以放在自己的业务线程池中处理



登录、保持长连接的逻辑

通信协议，使用 protobuf 编码

登录请求：

```
message ReqReq {  
    required int32 recCode = 1;  
    required string recContend = 2;  
    required string email = 3;  
    optional string passwd = 4;  
    optional string verification = 5;  
}
```

登录回执：

```
message FriendsInfo {  
    required int32 UID = 1;  
    required string petname = 2;  
    required string remark = 3;  
    required int32 image = 4;  
}
```

```
message PersonalData {  
    required string petname = 1;  
    required string remark = 2;  
    required int32 image = 3;  
    required int32 ege = 4;
```

```
    required string sex = 5;
}
message LoginResp {
    required int32 respCode = 1;
    required string respContent = 2;
    optional int32 UID = 3;
    repeated FriendsInfo friendsInfo = 4;
    repeated int32 onlineUIDs = 5;
    optional PersonalData personalData = 6;
}
```